

CLAIMS

1. A drive device for adjusting devices in motor vehicles with an axial field motor and a gear mechanism which is connected to the motor shaft and with a drive element of the adjusting device, **wherein** radial forces stemming from the motor shaft are introduced into one of a housing of the drive device and the axial field motor through axially extending positive locking regions of radial webs.
2. The drive device according to claim 1, **wherein** the radial webs are supported on the periphery of the axial field motor.
3. The drive device according to claim 1 or 2, **wherein** radially aligned end ribs of the webs engage in positive locking elements of one of the housing of the axial field motor and drive device.
4. The drive device according to claim 3, **wherein** the radially aligned end ribs of the webs are connected with the housing in the axial direction.
5. The drive device according to claim 1 or 2, **wherein** axially extending positive locking regions of the radial webs engage in recesses of the housing.
6. The drive device according to claim 1, **wherein** the radial webs are part of a support element and protrude radially from a base body holding the motor shaft.
7. The drive device according to claim 6, **wherein** a bearing bush for holding the motor shaft is integrated in the base body of the support element.
8. The drive device according to claim 7, **wherein** the bearing bush is a part of the base body of the support element.
9. The drive device according to claim 7, **wherein** the bearing bush is inserted in one of a central opening and bore of the base body of the support element.
10. The drive device according to claim 9, **wherein** a free standing outer collar of the bearing bush adjoins an end face of the support element.

11. The drive device according to claim 1, **wherein** the support element is a part of the stator of the axial field motor.
12. The drive device according to claim 1, **wherein** a ring which is elastic at least in the axial direction is mounted between the radially aligned end ribs of the webs of the support element and the housing of the axial field motor or drive device.
13. The drive device according to claim 1, **wherein** the motor shaft is connected to rotor discs which are mounted on the two end faces of the stator.
14. The drive device according to claim 1, **wherein** the motor shaft is connected to a pinion of the gear mechanism which is designed as a spur wheel gear.
15. The drive device according to claim 14, **wherein** the spur wheel gear has a gear wheel of a first gear stage meshing with the pinion and connected coaxially to a second pinion of a second gear stage which meshes with a second gear wheel which is connected to the drive element of the adjusting device.
16. The drive device according to claim 1, **wherein** a twin-shell housing whose one housing shell is connected through the elastic ring to the radially directed end ribs of the radial webs of the support element.
17. The drive device according to claim 16, **wherein** the housing shell holding the elastic ring has fixings through which the drive device can be connected to a holding device.